



LLANIDLOES BOROUGH COUNCIL

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH AND OF THE PUBLIC HEALTH INSPECTOR

FOR THE YEAR 1971

MEDICAL OFFICER OF HEALTH

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HEALTH COMMITTEE

Chairman	Councillor J.R.E. Jervis
Vice-Chairman	Councillor Miss E.A. Morgan
Members	Alderman D.M. Jones (Mayor)
	Councillor Arwel Jones
	Councillor Mrs. D.E. Griffiths
	Councillor J.W. Jones
	Councillor J.G.J. Williams.

To the Mayor, Aldermen and Councillors of the Borough of Llanidloes.

I have much pleasure in presenting for your consideration the annual report on the health and sanitary conditions in your borough for 1971.

VITAL STATISTICS.

The estimated mid year population was 2280 compared with 2330 the previous year. There were 25 live births which gives a birth rate of 11.0 per 1,000 population, the national rate being 16.0. The rate in 1970 was 10.7.

There were 5 illegitimate births - a percentage of 20% of total live births, the national rate being 8%.

There were no still births.

There were no deaths in infants in their first year of life.

The total number of deaths was 60 which gives a rate of 26.3 compared with a national rate of 11.6 per 1,000 population. The rate in 1970 was 19.3 per 1,000. This death rate is high but attention must again be drawn to the fact that of these deaths 15 occurred in the Minhafren geriatric unit, many of whom were not originally inhabitants of the town. 31 deaths occurred after the age of 75 years, Cerebrovascular disease accounted for 15 deaths and heart disease for 14 deaths. 7 deaths were due to cancer - not one being lung cancer. 4 deaths were due to accidents.

NATIONAL ASSISTANCE ACT 1947. SECTION 47.

No action was taken.

HOUSING.

In the private building sector 4 houses were started and during the year 5 were completed.

At Aberynant 8 flats especially for the elderly were completed -- this makes a total of 12 warden supervised dwellings in this area.

The land at Brook St., which the Council desire to use as building land was not yet required at the end of the year -- due to a disputed right of way -- it is hoped to build 9 two bedroomed and 9 one bedroomed flats in this area.

At the Spring Mill site the Architects were asked to prepare a scheme for 7 five person maisonettes and 10 two person flats.

SEWAGE DISPOSAL.

It is hoped that 1972 will see the actual implementation of a scheme which has taken many years to materialise.

An enquiry into the need for a new sewage disposal works was held by an inspector from the Welsh Office in November, 1966.

In my report for 1952 I made the statement that "a scheme has been prepared by the Council's Consulting Engineers for improvements to the sewage disposal works". I think this applied to the present sewage farm.

However in 1964 it is stated in my report that it is **the intention of the Council** to construct a modern sewerage disposal works and that the Surveyor had taken numerous samples of trade effluent etc. to assist the Consultant Engineers in designing the new works.

Much of the **delay** was unavoidable and was in the main concerned with trade effluents.

It is to be hoped that the new works will be completed as soon as possible. In the meantime, consent had been obtained from the River Authority to discharge the effluent from the **new** works into the River Severn and the final scheme has been prepared.

Routine maintenance of the sewers and the sewage farm has been carried out and the **divertor plants** at the Longbridge was replaced with two Walwin submersible pumps.

REFUSE COLLECTION.

The new refuse lorry was delivered in February, 1971 and tipping continues at the tip at Cwmbelan.

In regard to the proposed County **scheme** for refuse disposal a working party was set up and a site at Goetre Brickworks, Abermule was chosen as a central site for a pulverisation plant.

I would like to thank Mr. Williams and his staff for their ever willing co-operation.

I am,

Your obedient servant,

AMELIA EVANS.

STATISTICAL SURVEY.

District	Area in Acres	Population		Rateable Value		Product of Rate	
		1970	1971	1970	1971	ld 1970	lp 1971
Llanidloes	617	2330	2280	£56,879	£59,681	£227.17	£552
Machynlleth U.D.	1,183	1770	1750	£54,655	£55,805	£212	£516
Newtown U.D.	7,224	5690	6120	£183,753	£193,114	£738	£1,879
Machynlleth R.D.	98,564	2610	2460	£35,290	£37,100	£218	£310
Newtown R.D.	168,235	7850	8180	£113,365	£146,771	£664	£1,315

LIVE BIRTHS.

District	1970						1971					
	Legitimate			Illegitimate			Legitimate			Illegitimate		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Llanidloes	14	9	23	0	2	2	9	11	20	3	2	5
Machynlleth U.D.	13	13	26	1	0	1	13	9	22	0	2	2
Newtown U.D.	48	41	89	3	2	5	44	42	86	5	6	11
Machynlleth R.D.	14	10	24	0	0	0	12	20	32	0	2	2
Newtown R.D.	36	49	85	4	9	13	47	68	115	8	6	14

	Home Confinements		Still Births		Premature Births		Twin Pregnancies		Out of Country Births	
	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971
Llanidloes	0	0	0	0	0	0	0	0	8	2
Machynlleth U.D.	0	0	0	0	0	0	0	0	16	10
Newtown U.D.	0	0	0	1	1	1	0	1	34	30
Machynlleth R.D.	0	0	0	0	1	0	0	1	12	15
Newtown R.D.	2	2	1	3	0	4	0	2	41	50

BIRTH RATE PER 1,000 POPULATION.

	<u>1970</u>	<u>1971</u>	<u>Illegitimate Live Births as percentage of all live births, 1971.</u>
Llanidloes	10.7	11.0	20
Machynlleth U.D.	15.3	13.7	8
Newtown U.D.	16.5	15.8	11
Machynlleth R.D.	9.2	13.8	6
Newtown R.D.	12.5	15.8	11
Montgomeryshire.	13.4	15.3	10
England and Wales.	16.0	16.0	8

STILL BIRTH RATE PER 1,000 LIVE AND STILL BIRTHS.

	<u>1970.</u>	<u>1971.</u>
Llanidloes	0	0
Machynlleth U.D.	0	0
Newtown U.D.	0	10
Machynlleth R.D.	0	0
Newtown R.D.	10	23
Montgomeryshire.	7	12
England and Wales.	13	12

INFANT DEATHS.

Llanidloes and Machynlleth R.D.	There were no deaths in infants under one year.
Machynlleth U.D.	There was one death in a boy of 36 hours death was due to:- Respiratory distress, prematurity and accidental haemorrhage.
Newtown U.D.	There were two infant deaths:- 1. A girl of 11 months, death due to Bronchopneumonia and hydrocephalus. 2. A boy of 6 months, death due to Bronchopneumonia.
Newtown R.D.	There were 3 infant deaths:- 1. A girl of 1 hour, death due to Subarachnoid haemorrhage from tear of tentorium cerebelli. 2. A boy of 6 months, death due to Agenesia, absent thymus gland, mongolism. 3. A boy of 9 months death due to Gastroenteritis and coeliac disease.

INFANT MORTALITY RATE.

(Number of Infant Deaths per 1,000 Live Births).

	<u>1970.</u>	<u>1971.</u>
Llanidloes.	0	0
Machynlleth U.D.	0	42
Newtown U.D.	0	21
Machynlleth R.D.	0	0
Newtown R.D.	10	23
Montgomeryshire.	8.6	14
England and Wales.	18	18

DEATHS.

	1 9 7 0			1 9 7 1		
	Male.	Female.	Total.	Male.	Female.	Total.
Llanidloes	25	20	45	32	28	60
Machynlleth U.D.	10	14	24	22	10	32
Newtown U.D.	33	44	77	48	41	89
Machynlleth R.D.	21	21	42	15	15	30
Newtown R.D.	35	44	79	42	37	79

DEATH RATE PER 1,000 POPULATION.

	<u>1970</u>	<u>1971</u>
Llanidloes.	19.3	26.3
Machynlleth U.D.	13.6	18.3
Newtown U.D.	13.5	14.5
Machynlleth U.D.	16.1	12.2
Newtown R.D.	10.2	9.7
Montgomeryshire.	13.5	13.0
England and Wales.	11.7	11.6

POPULATION TREND SINCE 1951.

	1951	1955	1960	1965	1970	1971
<u>Llanidloes.</u>						
Population.	2346	2320	2320	2370	2330	2280
Live Births.	30	27	30	31	25	25
Deaths.	26	46	28	58	45	60
<u>Machynlleth U.D.</u>						
Population.	1875	1840	1800	1790	1770	1750
Live Births.	40	28	25	22	27	24
Deaths.	27	25	27	27	24	32
<u>Newtown U.D.</u>						
Population.	5386	5360	5390	5490	5690	6120
Live Births.	90	79	85	90	94	97
Deaths.	89	56	48	78	77	89
<u>Machynlleth R.D.</u>						
Population.	3340	3080	2890	2710	2610	2460
Live Births.	47	38	30	30	24	34
Deaths.	65	40	44	38	42	30
<u>Newtown R.D.</u>						
Population.	9343	9220	9010	8530	7850	8180
Live Births.	146	121	150	116	98	129
Deaths.	109	121	95	96	79	79

(Estimated mid-year population)

CAUSE OF DEATH	LANIDLOES		MACHYNILLETH U.D.		NEWTOWN U.D.		MACHYNILLETH R.D.		NEWTOWN R.D.	
	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.
Malignant Neoplasm. Buccal Cavity.	1	0 1	0	0 0	0	0 0	0	0 0	0	0 0
Malignant Neoplasm. Oesophagus.	0	0 0	0	0 0	0	0 0	0	1 1	0	0 0
Malignant Neoplasm. Stomach.	0	0 0	0	0 0	2	1 3	1	1 2	1	1 2
Malignant Neoplasm. Intestine.	1	1 2	0	0 0	2	0 2	1	0 1	1	1 2
Malignant Neoplasm. Breast.	0	1 1	0	1 1	0	2 2	0	0 0	0	3 3
Malignant Neoplasm. Lung Bronchus.	0	0 0	1	0 1	1	1 2	0	0 0	2	1 3
Malignant Neoplasm. Uterus.	0	2 2	0	0 0	0	1 1	0	0 0	0	0 0
Malignant Neoplasm. Prostate.	0	0 0	0	0 0	1	0 1	0	0 0	3	0 3
Leukaemia.	0	0 0	0	0 0	1	0 1	0	0 0	0	0 0
Other Malignant Neoplasms.	1	0 1	0	0 0	1	3 4	2	2 4	5	4 9
Anaemias.	0	0 0	0	1 1	0	0 0	0	0 0	0	0 0
Hypertensive Disease.	2	0 2	0	1 1	1	0 1	0	0 0	0	1 1
Ischaemic Heart Disease.	6	6 12	11	2 14	15	6 21	3	2 5	10	10 20
Other forms of Heart Disease.	1	1 2	3	4 7	2	2 4	2	2 4	5	2 7
Cerebro-Vascular Disease.	6	9 15	3	0 3	13	15 28	3	4 7	2	5 7
Pneumonia.	0	0 0	0	0 0	1	0 1	0	1 1	1	3 4
Bronchitis and Emphysema.	1	1 2	0	0 0	2	1 3	0	0 0	4	0 4
Diabetes Mellitus.	0	0 0	1	0 1	1	1 2	0	0 0	0	0 0

Contd.

CAUSES OF DEATH	LLANIDLOES			MACHYNLLETH U.D.			NEWTOWN U.D.			MACHYNLLETH R.D.			NEWTOWN R.D.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Suicide.	0	0	0	0	0	0	0	0	0	2	0	2	1	0	1
Enteritis and other Diarrhoeal Diseases.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Nephritis and Nephrosis.	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
All other External Causes.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Congenital Anomalies.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Birth Injury Difficult Labour.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Symptoms Ill-Defined Conditions.	4	1	5	0	0	0	0	0	0	0	0	0	0	1	1
Other Endocrine Diseases.	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0
Other Causes of Perinatal Mortality.	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Other Diseases of Nervous System.	0	1	1	0	1	1	0	1	1	0	0	0	1	0	1
Other Diseases of Circulatory System.	3	5	8	0	0	0	1	4	5	0	0	0	1	4	5
Other Diseases of Respiratory System.	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0
Other Diseases Genito-Urinary.	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Diseases of Musculo-Skeletal System.	0	0	0	0	0	0	1	0	1	0	2	2	0	0	0
All other accidents.	2	0	2	1	0	1	1	1	2	1	0	1	2	0	2
Motor Vehicle Accidents.	2	0	2	1	0	1	0	0	0	0	0	0	0	0	0
TOTAL	32	28	60	22	10	32	48	41	89	15	15	30	42	37	79

AGE AT DEATH

AGE	LANIDLOES		MACHYLLETH U.D.		NEWTOWN U.D.		MACHYLLETH R.D.		NEWTOWN R.D.	
	1970 M. F. T.	1971 M. F. T.	1970 M. F. T.	1971 M. F. T.	1970 M. F. T.	1971 M. F. T.	1970 M. F. T.	1971 M. F. T.	1970 M. F. T.	1971 M. F. T.
Under 4 weeks	0 0 0	0 0 0	0 0 0	1 0 1	0 0 0	0 0 0	0 0 0	0 0 0	1 0 1	0 1 1
4 weeks and under 1 year	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	1 1 2	0 0 0	0 0 0	0 0 0	2 0 2
1 - 4 years	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
5 - 14 years	0 0 0	1 0 1	0 0 0	0 0 0	0 1 1	0 0 0	0 0 0	0 0 0	0 0 0	1 1 2
15 - 24 years	0 0 0	2 0 2	0 0 0	0 0 0	0 0 0	1 0 1	1 0 1	0 0 0	1 1 2	1 0 1
25 - 34 years	0 0 0	0 0 0	0 0 0	0 0 0	2 0 2	0 0 0	0 1 1	0 0 0	0 0 0	1 0 1
35 - 44 years	2 0 2	0 0 0	0 0 0	0 0 0	0 0 0	1 0 1	0 0 0	0 0 0	0 1 1	1 1 2
45 - 54 years	1 1 2	1 0 1	0 0 0	1 0 1	3 1 4	3 1 4	2 2 4	1 0 1	1 3 4	2 0 2
55 - 64 years	6 2 8	4 3 7	0 1 1	3 0 3	8 9 17	8 5 13	5 4 9	3 2 5	4 4 8	3 2 5
65 - 74 years	5 5 10	7 11 18	9 3 12	10 3 13	6 12 18	16 11 27	4 3 7	6 3 9	13 10 23	13 14 27
75 and over	12 12 24	17 14 31	1 10 11	7 7 14	14 21 41	9 11 20	5 10 15	15 10 15	15 25 40	18 18 36
Total	26 20 46	32 28 60	10 14 24	22 10 32	33 44 77	48 41 89	21 21 42	15 15 30	35 44 79	42 37 79

Cause of Death	Sex	All ages	Under 4 weeks	4 weeks under one year	Age in Years								
					1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over
Malignant Neoplasm, Buccal Cavity etc.	M F	1										1	
Malignant Neoplasm, Intestine.	M F	1 1									1	1	
Malignant Neoplasm, Breast.	M F	1									1		
Malignant Neoplasm, Uterus.	M F										1		1
Other Malignant Neoplasms.	M F	1								1			
Other Diseases of Nervous System.	M F												1
Hypertensive Disease.	M F	2									1	1	
Ischaemic Heart Disease.	M F	6 6									1 1	4 3	1 2
Other forms of Heart Disease.	M F	1 1											1 1
Cerebrovascular Disease.	M F	6 9									1	5	5 4
Other Diseases of Circulatory System.	M F	3 5										1	3 4
Bronchitis and Emphysema.	M F	1 1										1	1
Other Diseases of Respiratory System.	M F	1											1
Other Diseases of Genito-Urinary System.	M F	1											1
Symptoms and Ill Defined Conditions.	M F	4 1											4 1
Motor Vehicle Accidents.	M F	2				2							
All other Accidents.	M F	2			1							1	
TOTAL ALL CAUSES	M F	32 28			1	2				1	4 3	7 11	17 14

Cause of Death	Sex	All ages	Under 4 weeks	4 weeks under one year	Age in Years								
					1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over
Malignant Neoplasm Lung.	M F	1										1	
Malignant Neoplasm Breast.	M F	1										1	
Diabetes Mellitus.	M F	1									1		
Anaemias.	M F	1											1
Other Diseases of Nervous System.	M F	1											1
Hypertensive Disease.	M F	1										1	
Ischaemic Heart Disease.	M F	11 2								1	1	5	4 2
Other forms of Heart Disease.	M F	3 4										1 1	2 3
Cerebrovascular Disease.	M F	3										2	1
Other causes of Perinatal Mortality.	M F	1	1										
Motor Vehicle Accidents.	M F	1										1	
All other Accidents.	M F	1									1		
TOTAL ALL CAUSES	M F	22 10	1							1	3	10 3	7 7

DEATHS BY CAUSES IN SEX AND AGE GROUP

[illegible]

Cause of Death	Sex	All ages	Under 4 weeks	4 weeks under one year	Age in Years									
					1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over	
Malignant Neoplasm of Oesophagus.	M F	1											1	
Malignant Neoplasm of Stomach.	M F	1 1										1	1	
Malignant Neoplasm of Intestine.	M F	1								1				
Other Malignant Neoplasms.	M F	2 2									1	1	1	
Ischaemic Heart Disease.	M F	3 2									1	1 1	1 1	
Other forms of Heart Disease.	M F	2 2									1		2 1	
Cerebro-Vascular Disease.	M F	3 4									1	1 2	1 2	
Pneumonia.	M F												1	
Diseases of Musculo-Skeletal System.	M F												2	
All other Accidents.	M F	1									1			
Suicide and Self Inflicted Injuries.	M F	2										2		
TOTAL ALL CAUSES.	M F	15 15								1	3 2	6 3	5 10	

Cause of Death	Sex	All ages	Under 4 weeks	4 weeks under one year	Age in Years								
					1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over
Enteritis and other Diarrhoeal Diseases.	M F	1		1									
Malignant Neoplasm of Stomach.	M F	1 1										1	1
Malignant Neoplasm of Intestine.	M F	1 1										1	1
Malignant Neoplasm of Lung and Bronchus.	M F	2 1							1			1	1
Malignant Neoplasm of Breast.	M F											3	
Malignant Neoplasm of Prostate.	M	3											3
Other Malignant Neoplasms.	M F	5 4				1		1			1	2 1	2 1
Other Diseases of Nervous System.	M F	1					1						
Hypertensive Disease.	M F												1
Ischaemia Heart Disease.	M F	10 10							1		1 1	4 6	5 2
Other forms of Heart Disease.	M F	5 2										3	2 2
Cerebrovascular Disease.	M F	2 5										2	2 3
Other Diseases of Circulatory System.	M F	1 4											1 4
Pneumonia.	M F	1 3											1 3
Bronchitis and Emphysema.	M F	4				1					1	2	
Congenital Anomalies.	M F	1		1									
Birth Injury, Difficult Labour Etc.	M F												
Symptoms and Ill Defined Conditions.	M F												1
All other Accidents.	M F	2							1		1		
Suicide and Self Inflicted Injuries.	M F	1										1	
All other External Causes.	M F	1								1			
TOTAL ALL CAUSES.	M F	42 37		2		1 1	1	1	1 1	2	3 2	13 14	18 18

INFECTIOUS DISEASES

The following diseases are notifiable by Medical Practitioners to the Medical Officer of Health:-

Acute encephalitis (infective, post infections)
Acute meningitis
Acute poliomyelitis (paralytic, non-paralytic)
Anthrax
Cholera
Diphtheria
Dysentery (amoebic or bacillary)
Infective Jaundice
Leptospirosis
Malaria
Measles
Ophthalmia neonatorum
Paratyphoid fever
Plague
Replapsing fever
Scarlet fever
Smallpox
Tetanus
Tuberculosis (respiratory, meninges and C.N.S., other forms)
Typhoid fever
Typhus fever
Whooping Cough
Yellow fever
Food poisoning
Leprosy

LLANIDLOES BOROUGH.

There were 5 cases of measles notified. 2 males ages 2 and 6 years and 3 females ages 4, 4 and 6 years.

MACHYNLLETH U.D.

No case was notified.

NEWTOWN U.D.

One case of food poisoning due to salmonella typhimurium in a man of 26 was notified.

One case of infective jaundice in a woman of 66 was notified.

112 cases of measles were notified.

	<u>Male</u>	<u>Female</u>
Under 1 year.. .. .	1	1
1 year.. .. .	3	4
2 years	8	9
3 years	5	13
4 years	6	8
5 - 9 years	29	21
10 - 14 years	2	2
15 - 24 years		
25 and over		1
Total	<u>53</u>	<u>59</u>

MACHYNLLETH R.D.

1 case of food poisoning in a boy of 15.

Two cases of measles - a man age 42 and a woman of 24.

Two cases of Whooping cough in girls ages 3 and 5 years were notified.

NEWTOWN R.D.

Food poisoning - one case of a baby age 6 months.

Infective jaundice - a man age 62.

98 cases of measles were notified.

	<u>Male</u>	<u>Female</u>
Under 1 year.. .. .	2	1
1 year.. .. .	4	4
2 years	7	2
3 years	4	7
4 years	6	3
5 - 9 years	20	18
10 - 14 years	8	2
15 - 24 years	5	4
25 and over	1	
Total	<u>57</u>	<u>41</u>

SALMONELLOSIS

The Divisional Veterinary Officer of the Ministry of Agriculture notifies me of salmonellosis on farms in my district. Unless care is taken in handling sick animals with this disease there is a risk of an outbreak of food poisoning in the farm worker and his family and from drinking contaminated milk.

The farms are visited or contacted by telephone and advice is given about the care needed to be taken to prevent spread of the disease. Where the farmer holds a milk dealer's licence it is important to ascertain that no raw milk is sold from the farm.

NEWTOWN U.D.

One outbreak was notified on a farm within the urban district. The farmer holds a milk dealer's licence but no raw milk is sold, it all goes for pasteurisation.

MACHYNLLETH R.D.

Three outbreaks were notified, two on one farm where there is no milk dealer's licence and the third on a farm with a licence.

NEWTOWN R.D.

Four outbreaks notified, two with no milk dealer's licence and two with such a licence - all the milk is pasteurised.

BRUCELLOSIS.

Although this is not a notifiable disease I became aware of three cases occurring in males ages 37, 39 and 48 years. Two of these men were farmers, but the third had only a remote **connection** with farms and gave no history of drinking raw milk.

TUBERCULOSIS.

LLANIDLOES BOROUGH.

No new case of tuberculosis was notified in 1971.

One name was removed from the register - due to death from other **causes**.

At the end of the year there were 6 names on the register.

MACHYNLLETH U.D.

No new cases were notified.

One man, notified in 1967 left the town in 1971. It was also ascertained that 4 other cases had left the town in the last few years.

At the end of 1971 there were 5 names on the register.

NEWTOWN U.D.

A man of 58, who was notified elsewhere and previously with pulmonary tuberculosis, **moved** into the district.

Three names were removed from the register all due to recovery:-

1. Male age 33 in 1964 notified with pulmonary tuberculosis.
2. Male age 43 in 1963 notified with pulmonary tuberculosis.
3. Female age 34 in 1956 notified with pulmonary tuberculosis.

At the end of the year there were 11 names on the register.

MACHYNLLETH R.D.

It is disturbing to report that during the year 6 cases of tuberculosis were notified in the district:-

1. A female of 74 with tubercular glands in the neck.
2. A male of 18 with pulmonary tuberculosis.
3. A female of 29 with pulmonary tuberculosis.
4. A boy of 2 with pulmonary tuberculosis.
5. A man of 48 with pulmonary tuberculosis.
6. A man of 68 notified at post-mortem having died from another condition.

One of these cases was a school teacher and as a result the whole school, children, teachers, canteen staff and cleaners were investigated - Mantoux tests being carried out on the children and the adult staff were referred to the clinic as contacts and X rayed. Of the 51 children who were tested one gave a positive reaction and was referred to the **Chest Physician** for further investigation.

The contacts of all the other cases were interviewed and attended the clinic.

4 names were removed from the **register**:-

1. A young man who was 17 in 1958 when notified with tubercular condition of the knee -- he has left the district.

2. A man who was 45 in 1951 when notified with pulmonary tuberculosis - death from other causes.
3. A man notified in 1960 aged 66 - death from other causes.
4. A woman age 71 in 1962 - death from other causes.

There were 21 names on the register at the end of the year.

NEWTOWN R.D.

A case of pulmonary tuberculosis in a man of 59 years was notified and a male of 68 already notified with pulmonary tuberculosis came to live in the district.

5 names were removed from the register:-

1. Man age 62 in 1968 notified with tubercular glands of neck - recovered.
2. Man age 65 in 1966 notified with pulmonary tuberculosis - recovered.
3. Man age 47 in 1966 notified with pulmonary tuberculosis - recovered.
4. Man age 43 in 1962 notified with pulmonary tuberculosis - recovered.
5. Man age 28 in 1935 notified with pulmonary tuberculosis - recovered.

There are 19 names on the register at the end of the year.

VACCINATION AGAINST TUBERCULOSIS

This procedure is carried out on 13 year old (and) children at the High Schools in the County.

	Newtown High	College of Further Education	Machynlleth	Llanidloes	Brynllwyarch
Skin tested	112	6	55	75	11
+ ve reactors	1	0	2	2	0
+ ve reactors (B.C.G. previously)	5	0	2	3	1
+ ve suspicious	6	0	0	3	0
- ve reactors	99	6	51	64	10
B.C.G. vaccination	98	6	51	62	10

MASS RADIOGRAPHY SERVICE.

The unit was requested to visit Floform factory at Welshpool following a notification of pulmonary tuberculosis in an employee working there but living in the Machynlleth area.

WATER SUPPLIES

(Information from Montgomeryshire Water Board)

- (a) The supplies of the districts concerned have been satisfactory throughout the year in both quantity and quality. A summary of the results of tests is given in Appendix 'A'.
- (b) In the event of an unsatisfactory bacteriological sample result being obtained, a check is made to ensure that an adequate chlorine residual is being maintained and a further sample is taken as soon as possible.
- (c) The number of dwelling houses connected to the mains during the year is given in Appendix 'B'.
- (d) The fluoride content of the supplies is less than 0.01 p.p.m.

APPENDIX 'A'

WATER SAMPLES 1971

Source	Chemical	Bacteriological		Note
		Satisfactory	Unsatisfactory	
Llanidloes Borough	4	13	1	1
Machynlleth Urban District Council	2	42	3	
Machynlleth Rural District Council	2	45	0	
Newtown Urban District Council		4	0	
Newtown and Llanidloes Rural District Council				2
Adfa	2	12	1	
Tregynon	2	10	0	
Manafon	1	11	0	
Dolfor	1	8	0	
Kerry	4	12	4	
Sarn	2	12	0	
Llangurig	4	14	0	
Cwmbelan	-	12	0	
Llandinam	6	52	2	
Bulk Supplies				
Aberangell	1	4	1	
Ceinws	1	4	0	
TOTAL	32	255	12	

- Note
1. Samples taken from various locations but all from Llanbrynmair Source.
 2. Severn Valley Scheme Source with bulk of samples taken at Welshpool.

DELLINGS CONNECTED DURING 1971

	Houses	Others
Llanidloes Borough	6	-
Machynlleth Urban District Council	5	3
Newtown and Llanllwchaiarn Urban District Council	156	19
Machynlleth Rural District Council		
Caereinion Pechain	-	-
Cemmaes	1	-
Darowen	10	5
Isygarreg	-	-
Llanbrynmair	2	-
Llanwrin	-	-
Penegoes	2	-
Uwchygarreg	-	-
Newtown and Llanidloes Rural District Council		
Aberhafesp	11	-
Bettws	1	-
Carno	10	-
Kerry	10	1
Llandinam	3	-
Llangurig	-	-
Llanidloes Without	1	-
Llanllugan	-	-
Llanwnog	8	1
Llanwyddelan	4	-
Manafon	6	-
Mochdre	2	-
Penstrowed	-	-
Trefeglwys	6	1
Tregynon	-	-
Total	244	30

GENERAL PROVISION OF HEALTH SERVICES THROUGHOUT THE DISTRICT.

AMBULANCE.

The County Council is responsible for the Ambulance Service.

Machynlleth	-	2 ambulances	-	5 men.
Llanidloes	-	1 ambulance	-	3 men.
Newtown	-	2 ambulances	-	5 men.

The Ambulance Officer is Mr. T. I. Davies.

Non-emergency cases -- Tel: Newtown 6201

Emergency cases - Tel: Newtown 6111

DOMICILINARY MIDWIFERY AND HOME NURSING.

The districts are served by the following nurses:-

1. Based at Newtown General Practitioners Surgery, Park St.
 - a. Miss C. Lloyd Jones - retired 17th November, 1971.
 - b. Mrs. M. Finucane S.R.N., S.C.M., Q.I.D.N.S. - from 17th November, 1971.
Brynfedw,
Aberhafesp. Tel: Newtown 579
 - c. Mrs. D. Haynes S.E.N., Q.I.D.N.S. (E)
Philreen,
7 New Bungalows,
Llanidloes Rd.,
Newtown. Tel: Newtown 6920
- These cover the areas of Newtown, Mochdre, Dolfor, Kerry, Sarn, Abermule, Tregynon, Bettws, New Mills, Adfa, Manafon and Bwlchyffridd.
2. Mrs. J. A. Griffiths S.E.N., S.C.M.
Tynycoed,
Llandinam. Tel: Caersws 344
Areas covered Llandinam, Oakley Park and Lldiartywaen.
3. Mrs. O. Hamer S.R.N., S.C.M.,
19 Garden Suburbs,
Llanidloes. Tel: Llanidloes 432
Areas covered Llanidloes, Llangurig, Cwmbelan and Old Hall.
4. a. Mrs. S. Jones S.R.N., S.C.M. - retired 11th June, 1971.
b. Mrs. Pat Edwards S.R.N. - appointed June, 1971.
Llawrcoed Uchaf,
Llanbrynmair. Tel: Llanbrynmair 325
Areas covered Carno, Clatter, Pontdolgoch, Bont, Staylittle, Talerddig and Llanbrynmair.
5. Mrs. E. Humphries S.R.N., S.C.M. (part 1)
4 Londonderry Terrace,
Machynlleth. Tel: Machynlleth 2264
Areas covered Machynlleth, Derwenlas, Cemmaes, Cemmaes Rd., Cwmlline, Aberhosan, Abercegir, Commins Coch and part of Aberangell.

6. Mrs. M. S. Richards S.R.N., S.C.M.
Penralt,
Trefeglwys. Tel: Trefeglwys 667
Areas covered Trefeglwys and Llanidloes.
7. Mrs. B. Davies S.R.N., Q.I.D.N.S.
Hopyard Cottage,
Penstrowed. Tel: Newtown 6003
Areas covered Caersws, Llanwnnog, Aberhafesp and Mochdre.
8. Mrs. E. Edwards S.R.N., S.C.M.
Bryn-Mair,
Llanbryn-mair.
Relief nurse for Machynlleth Urban, rural areas and part of
Newtown rural area.

HEALTH VISITORS.

Miss Gravell S.R.N., S.C.M., H.V.	Machynlleth urban and rural areas, Carno.
Miss M. Lewis S.R.N., S.C.M., H.V.	Llanidloes, Llangurig, Staylittle Llandinam, Llawryglyn, Trefeglwys
Miss N. L. Jones S.R.N., S.C.M., H.V.	Newtown, Dolfor, Mochdre.
Mrs. E. F. Humphreys S.R.N., S.C.M., H.V.	Sarn, Kerry, Abermule, Tregynon, Clatter, Abermule, Caersws.
Mrs. Ryder S.R.N., S.C.M., H.V.	Cefn Coch, New Mills and areas in Llanfyllin and Forden rural distr

LABORATORY SERVICE.

Frequent use is made of the Public Health Laboratory Service at Shrewsbury and Aberystwyth.

MATERNITY AND CHILD WELFARE.

The County Council is responsible for this service and Infant Welfare Clinics are held throughout the district.

A request was made by mothers of young children living in the Carno area, to have a clinic in that area and during the year such a clinic was started and is well attended.

Carno Village Hall.	First Wednesday afternoon in the month.
Caersws School Room Presbyterian Chapel.	Last Friday afternoon in the month.
Llanidloes Clinic.	Second and last Wednesday afternoon each month.
Llanbryn-mair Village Hall.	Second Thursday afternoon each month
Machynlleth Doll St. Clinic.	Second and fourth Tuesday afternoon each month.
Newtown Clinic Park St.	Every Wednesday afternoon.

TUBERCULOSIS.

This service is controlled by the Regional Hospital Board and the Chest Physician Dr. G. O. Thomas holds clinics throughout the areas:-

Newtown County Infirmary	Second and fourth Tuesdays 11 a.m.
Machynlleth Chest Hospital	Every Wednesday 10 a.m.
Llanidloes Hospital	Saturday before last Tuesday 10.30 a.m.

IMMUNISATION PROCEDURE.

1st year of life	Protection against Diphtheria, Whooping Cough, Tetanus and Polio.
2nd year of life	Measles vaccination.
Age 5	Booster Diphtheria, Tetanus and Poliomyelitis.
Age 13	Tuberculosis vaccination.
Age 13 (girls)	Rubella vaccination.

VACCINATION AGAINST SMALLPOX.

The joint Committee on Vaccination and Immunisation has reviewed the indications for offering vaccination against Smallpox in Great Britain at the present time and during 1971 the following advice was given by this Committee:-

1. Vaccination against Smallpox need not now be recommended as a routine procedure in early childhood.
2. All travellers to and from areas of the world where Smallpox is endemic or countries where eradication programmes are in progress should be protected by recent vaccination.
3. Health Service Staff who came into contact with patients should be offered vaccination and regular re-vaccination.

DEPARTMENT OF SOCIAL SERVICES.

During the year this department was set up by the County Council and has taken over the duties of the former Welfare Department, Children's Department, Home Help Service and Mental Health Service etc.

Director	Mr. J. P. Evans.
Deputy Director	Mr. J. E. N. Williams.

County Offices, Welshpool.	Tel: Welshpool 3311.
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PREScribed PARTICULARS ON THE ADMINISTRATION OF
THE FACTORIES ACT, 1937

PART I OF THE ACT

1. INSPECTIONS for purposes of provision as to health
(including inspections made by the Public Health
Inspector).

PREMISES (1)	NUMBER ON REGISTER (2)	INSPECTIONS (3)	WRITTEN NOTICES (4)	OCCUPIERS PROSECUTED (5)
i. Factories in which Sections 1,2,3,4, & 6 are to be enforced by Local Authorities	5	19	NIL	NIL
ii. Factories not included in (i) in which Section 7 is enforced by the Local Authority	19	62	NIL	NIL
iii. Other premises in which Section 7 is enforced by the Local Authority	NIL	NIL	NIL	NIL
TOTAL	24	81	NIL	NIL

PREScribed PARTICULARS ON THE ADMINISTRATION OF
THE FACTORIES ACT, 1937, cont'd.

PART I OF THE ACT

2. CASES in which defects were found.

PARTICULARS	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	
(1)	(2)	(3)	(4)	(5)	(6)
Want of Cleanliness (S.1)	NIL	NIL	NIL	NIL	NIL
Overcrowding (S.2)	NIL	NIL	NIL	NIL	NIL
Unreasonable Temperature (S.3)	NIL	NIL	NIL	NIL	NIL
Inadequate Ventilation (S.4)	NIL	NIL	NIL	NIL	NIL
Ineffective drainage of floors (S.6)	NIL	NIL	NIL	NIL	NIL
Sanitary Conveniences (S.7)					
(a) Insufficient	NIL	NIL	NIL	NIL	NIL
(b) Unsuitable or defective	NIL	NIL	NIL	1	NIL
(c) Not separate sexes	NIL	NIL	NIL	NIL	NIL
Other offences against the Act (not including offences relating to Out-work)	NIL	NIL	NIL	NIL	NIL
TOTAL	NIL	NIL	NIL	1	NIL

PREScribed PARTICULARS ON THE ADMINISTRATION OF
THE FACTORIES ACT, 1937, cont'd.

PART VIII OF THE ACT

OUTWORK

(Sections 110 & 111)

Number of Outworkers in August List required by Section 110 (i) (c)	NIL
Number of cases of default in sending Lists to the Council	NIL
Number of prosecutions for failure to supply Lists	NIL
Number of instances of work in unwholesome premises - Section III	NIL
Notices served	NIL
Prosecutions	NIL

SANITARY INSPECTION OF THE AREA FOR NUISANCES

Inspections made	98
Nuisances found	7
Dirty Houses	2
Drains choked	7
Defective drains	4
W.C.s. defective	3
Accumulations of refuse	1
Overcrowding	NIL
Informal notices served	NIL
Informal notices complied with	NIL
Statutory notices served	NIL

FACTORIES, WORKSHOPS AND WORKPLACES

Number of factories registered	15
Number of workshops registered	7
Number of workplaces registered	NIL
Number of factory bakehouses	NIL
Number of other bakehouses	1
Number of inspections made	29
Number of defects and nuisances found	NIL
Number of defects and nuisances remedied	NIL

FOOD HYGIENE (GENERAL) REGULATIONS, 1960

1. The number of food premises subject to these regulations total 41, made up as follows:-

Cafes and Restaurants	6
Fish & Chip Shops	2
Hotels & Public Houses	11
Butchers' Shops	1
Green Grocers	2
Grocers' Shops	11
Grocery Store	1
Supermarket	1
Sweet Shops	4
Licensed Clubs	1
 The number of premises fitted to comply with Regulation 16	 29
 The number of premises to which Regulation 19 applies	 12
 The number of premises fitted to comply with regulation 19	 9

SLAUGHTERHOUSE

<u>Carcases Inspected</u>	<u>Cattle</u>	<u>Sheep & Lambs</u>	<u>Pigs</u>	<u>Calves</u>	<u>Total</u>
Number slaughtered and inspected	132	1097	216	Nil	1,445

Condemnations

All diseases other than tuberculosis

1. Whole Carcases	Nil	Nil	Nil	Nil	Nil
2. Carcases of which some part or organ was condemned	6	27	Nil	Nil	33
3. <u>Percentage affected</u>	4.54%	2.47%	Nil	Nil	2.27%

Tuberculosis only

1. <u>Whole Carcases</u>	Nil	Nil	Nil	Nil	Nil
2. Carcases of which some part or organ was condemned	Nil	Nil	Nil	Nil	Nil
3. <u>Percentage affected</u>	Nil	Nil	Nil	Nil	Nil

<u>Unsound food surrendered or condemned</u>	<u>Tons</u>	<u>Cwts.</u>	<u>Lbs.</u>
1. Meat at slaughterhouse	-	1	36
2. Meat at wholesale premises	-	-	-
3. Meat at retail shops	-	2	107
4. Cooked meat and meat products	-	-	10
5. Canned meats	-	1	38
6. Other canned foods	-	-	87
7. Fish	-	-	-
8. Fruit and vegetables	-	-	-
9. Other Foods (all various canned and bottled goods)	-	-	79
10. Frozen foods, due to cabinet breakdown	-	-	46
TOTAL		7	67

PART 2 - OFFICES, SHOPS & RAILWAY PREMISES ACT, 1963

(A) REGISTRATIONS AND GENERAL INSPECTIONS

Class of Premises	Number of premises registered during the year	Number of registered premises at end of year	Number of registered premises receiving a general inspection during the year
Offices	NIL	13	10
Retail Shops	NIL	17	16
Wholesale Shops, Warehouses	NIL	6	6
Catering establishments, open to the public, canteens	NIL	7	7
Fuel Storage Depots	NIL	NIL	NIL
TOTAL	NIL	43	39

Total number of visits of all kinds to Registered Premises under the Act84

(B) ANALYSIS OF CONTRAVENTIONS

Section	No. of Contraventions found		Section	No. of Contraventions found	
4	Cleanliness	Nil	16	Floors, Passage & Stairs	Nil
5	Overcrowding	Nil	17	Fencing exposed parts machinery	Nil
6	Temperature	Nil	18	Protection of young persons from dangerous machinery	Nil
7	Ventilation	Nil	19	Training of young persons working at dangerous machinery	Nil
8	Lighting	Nil	23	Prohibition of heavy work	Nil
9	Sanitary Conveniences	Nil	24	First Aid General Provisions	Nil
10	Washing Facilities	Nil			
11	Supply of Drinking Water	Nil			
12	Clothing Accommodation	Nil			
13	Sitting Facilities	Nil			
14	Seats (Sedentary Workers)	Nil			
15	Eating Facilities	Nil			
TOTAL			Nil		

PART 4 - HOUSING

(A) REPAIR - HOUSING AND PUBLIC HEALTH ACTS

Number of houses rendered fit after service of notices

	Section 9,10 & 16 Housing Act, 1957		Public Health and Similar Local Acts		Totals	
	<u>Informal</u>	<u>Formal</u>	<u>Informal</u>	<u>Formal</u>	<u>Informal</u>	<u>Formal</u>
(a) by Owner	Nil	Nil	2	Nil	2	Nil
(b) by Local Authority	Nil	Nil	Nil	Nil	Nil	Nil
TOTALS	Nil	Nil	2	Nil	2	Nil

(B) BEYOND REPAIR - HOUSING ACT, 1957

1. Undertakings accepted	(Section 16)	NIL
2. Closing Orders made	" 17)	3
3. Demolition Orders made	" 17)	NIL
4. Closing Orders made	" 18)	NIL
5. Closing Orders determined	(" 27)	NIL
6. Closing Orders revoked and Demolition Orders substituted	(" 28)	NIL
7. Houses demolished following Demolition Orders		NIL

(C) CLEARANCE AREAS

(1) Represented during year

i. Number of areas	NIL
ii. Houses unfit for human habitation	NIL
iii. Houses included by reason of bad arrangement, etc.	NIL
iv. Houses on land acquired under 43(2)	NIL
v. Numbers of people to be displaced:-	
(a) Individuals	NIL
(b) Families	NIL

(2) Action taken during the year

i. Houses demolished by Local Authorities or Owners:-	
(a) Unfit	NIL
(b) Others	NIL
ii. Numbers of people displaced:-	
(a) Individuals	1
(b) Families	1

PART 4 - HOUSING

(D) IMPROVEMENT GRANTS

(1) Standard

	Owner/Occupiers	Tenanted
1. Number of Applications received	NIL	NIL
Number of Applications approved	NIL	NIL
Number of Applications refused	NIL	NIL
2. Number of dwellings improved	1	NIL
3. Amount paid in grants	£120	
4. Average grant per house	£120	
5. Amenities provided (a)	Fixed bath	NIL
(b)	Shower	1
(c)	Wash-hand Basin	1
(d)	Hot Water Supply (to any fittings)	1
(e)	Water Closet	
	i. within dwelling	NIL
	ii. accessible from dwelling	NIL

(2) Discretionary

	Owner/Occupiers	Tenanted
1. Number of Applications received	18	3
2. Number of Applications approved	18	3
3. Number of Applications refused	NIL	NIL
4. Number of dwellings improved	3	2
5. Amount paid in grants	£8,814	
6. Average grant per house	£441	

